

Protecting the Bay *Protecting Alameda*

WATER QUALITY & FLOOD PROTECTION INITIATIVE

2019

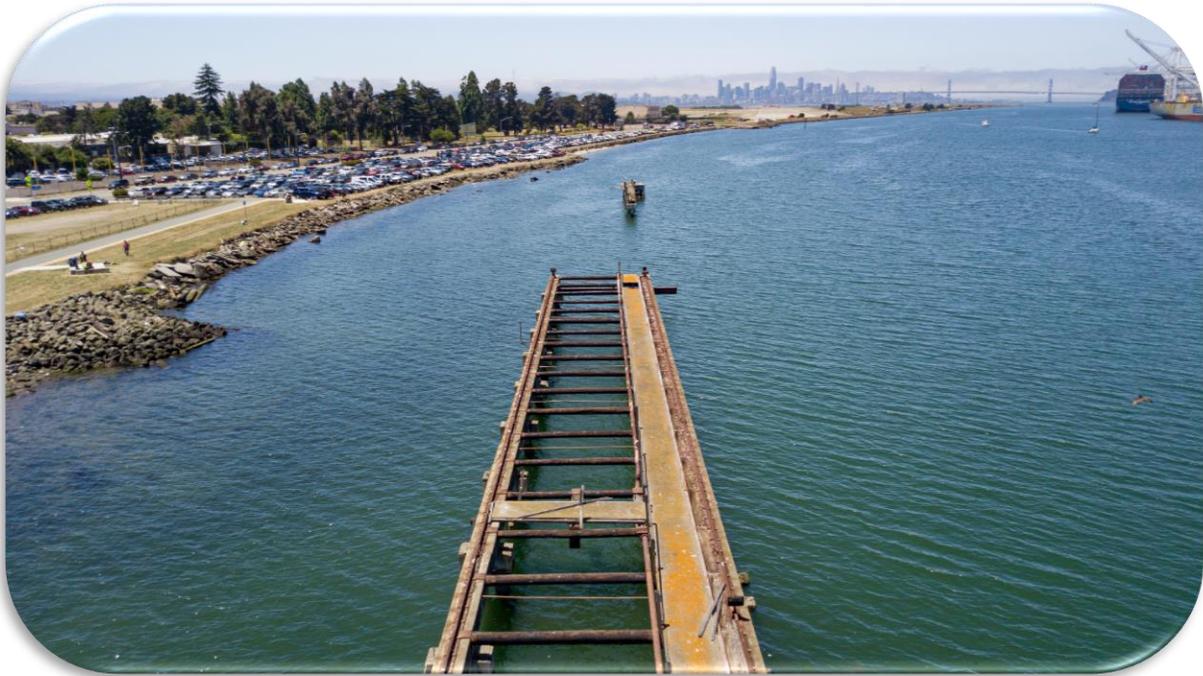


Discussion Outline

1. Essential Community Values
2. Realizing Values = Clean Water Program
3. The Challenge
4. The Need
- 5.
6. Meeting the Challenge
7. Community Outcomes
8. Consequences of No Action
9. Next Steps
10. Q&A



Alameda Clean Water Values



Protecting the Bay
Sustainable storm drains
Protecting property



Clean Water Program

Clean Water Program = means to achieve community values

Four key elements to program

1. Operations & Maintenance
2. Water Quality
3. Capital Investments
4. Coastal Flooding & Sea Level Rise Protection



What is the City's Program?



1. Operations & Maintenance

- Trash capture removal
- Storm response
- Lagoon maintenance & monitoring
- Storm drain inspection & cleaning
- Street sweeping

What is the City's Program?

2. Water Quality

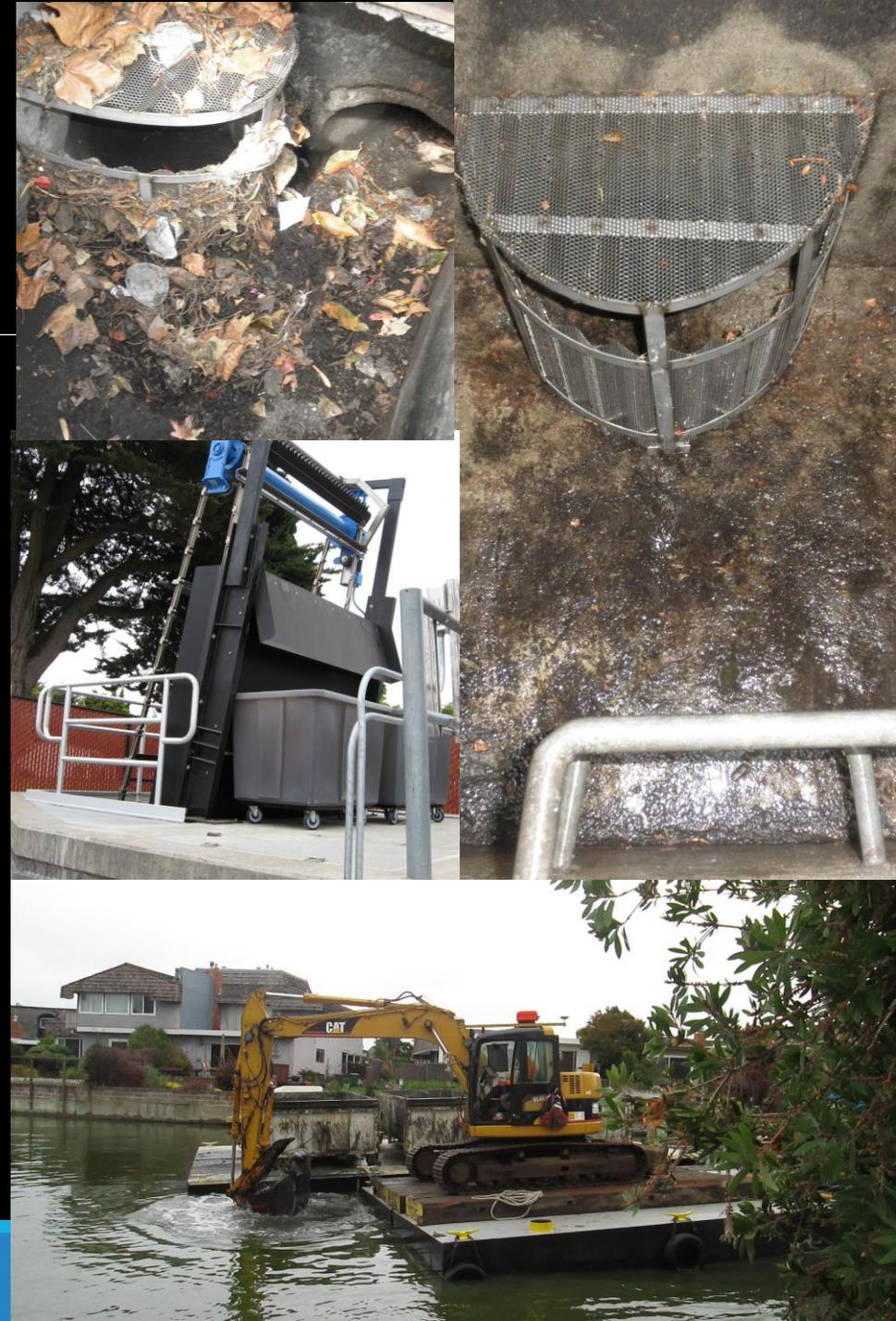
- Trash Reduction Planning
- Green Infrastructure Planning
- Shoreline/Beach Clean Ups
- Pollution Prevention
- Inspections – Restaurants, Construction sites & illegal discharge
- Development oversight



What is the City's Program?

3. Capital Investments

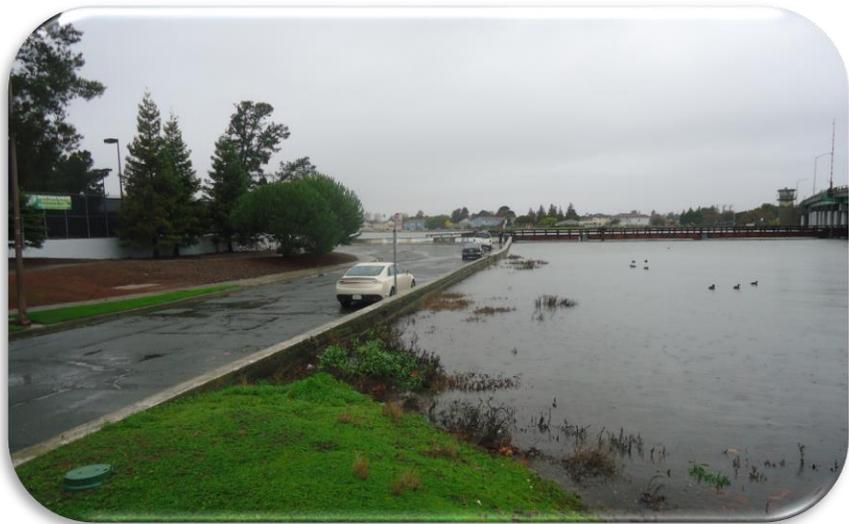
- Retrofit or upsize 3 pump stations
- Storm drainage system upgrades
 - Local Intersection culvert replacement
 - Upgrades to storm drain pipes, catch basins & manholes
- Lagoon dredging
- Green infrastructure & trash capture devices



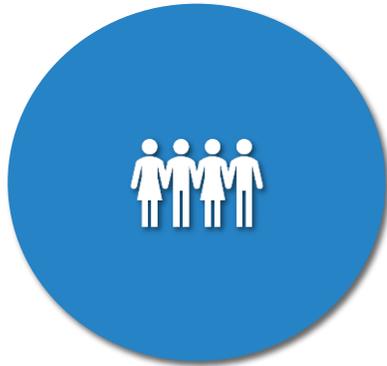
What is the City's Program?

4. Coastal Flooding & Sea Level Rise Protection

- Climate change planning
- Improved and increased capacity pump stations & pipes
- Perimeter levee infrastructure
- Shoreline improvements



Why is City Implementing Program?



**ACHIEVE CLEAN
WATER VALUES**



KEEP ROADWAYS
CLEAR FOR
TRAVELING PUBLIC



PROTECT LOCAL
SHORELINES, THE
BAY & BEACHES



PROTECT
PROPERTY FROM
LOCAL FLOODING

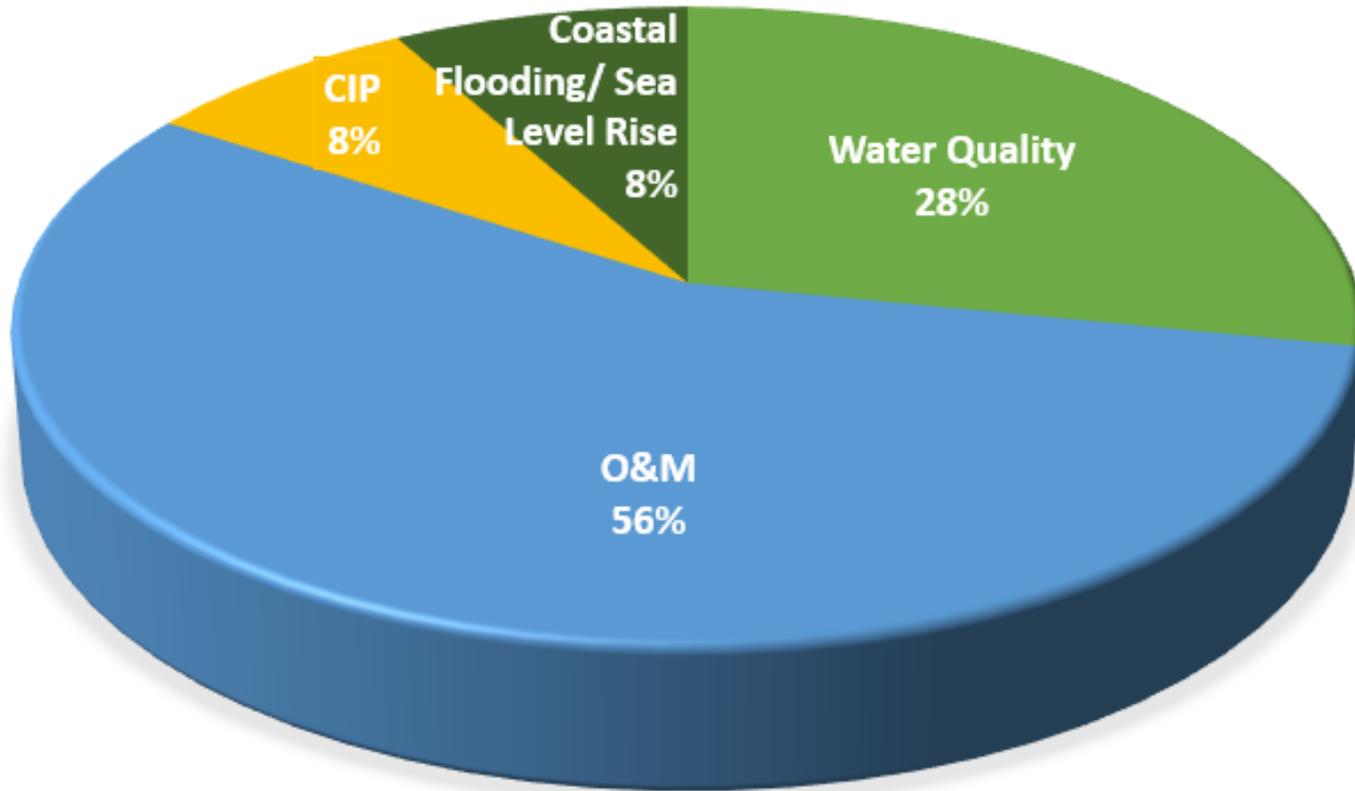
The Challenge

Fund is **unsustainable**

- **\$1M/year deficit**
- **Fund balance depleted**
- **\$30M+ in capital needs**



CLEAN WATER PROGRAM ELEMENTS



The Need

~\$5.5M/year

- \$1.5M Water Quality 28%
- \$3.1M O&M 56%
- \$450k Capital 8%
- \$450k Coastal Flooding & Sea Level Rise 8%



Meeting the Challenge

Dedicated & sustainable local revenue

Strong local fiscal oversight

Property related

Prop 218 compliant

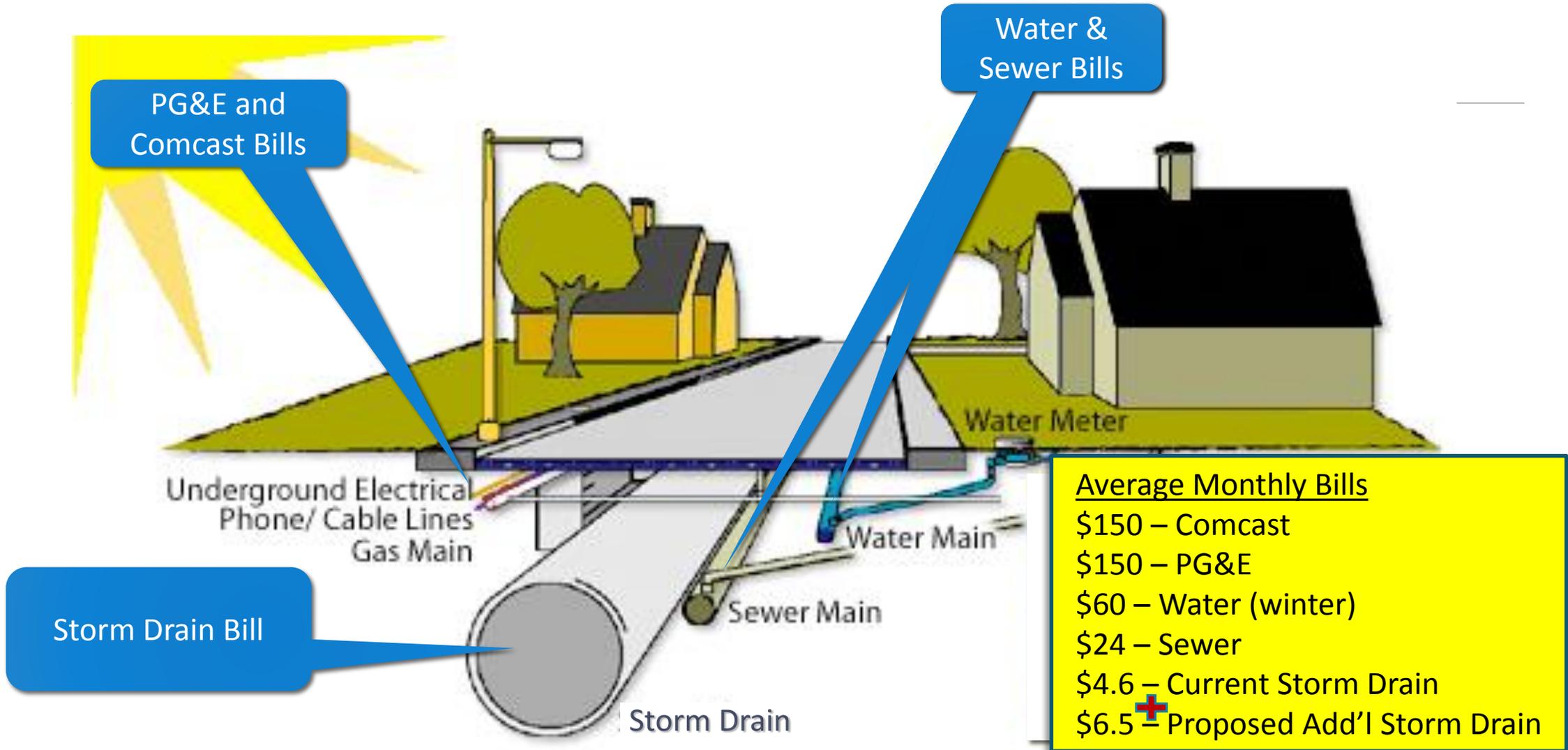
Fair share of runoff contributed

Example Rates for **Single Family Residential** in 2020/2021

	Month	Year
Proposed	\$6.50	\$78.00
Existing	\$4.67	\$56.00
Total	\$11.17	\$134.00



Storm Drain Fee Context

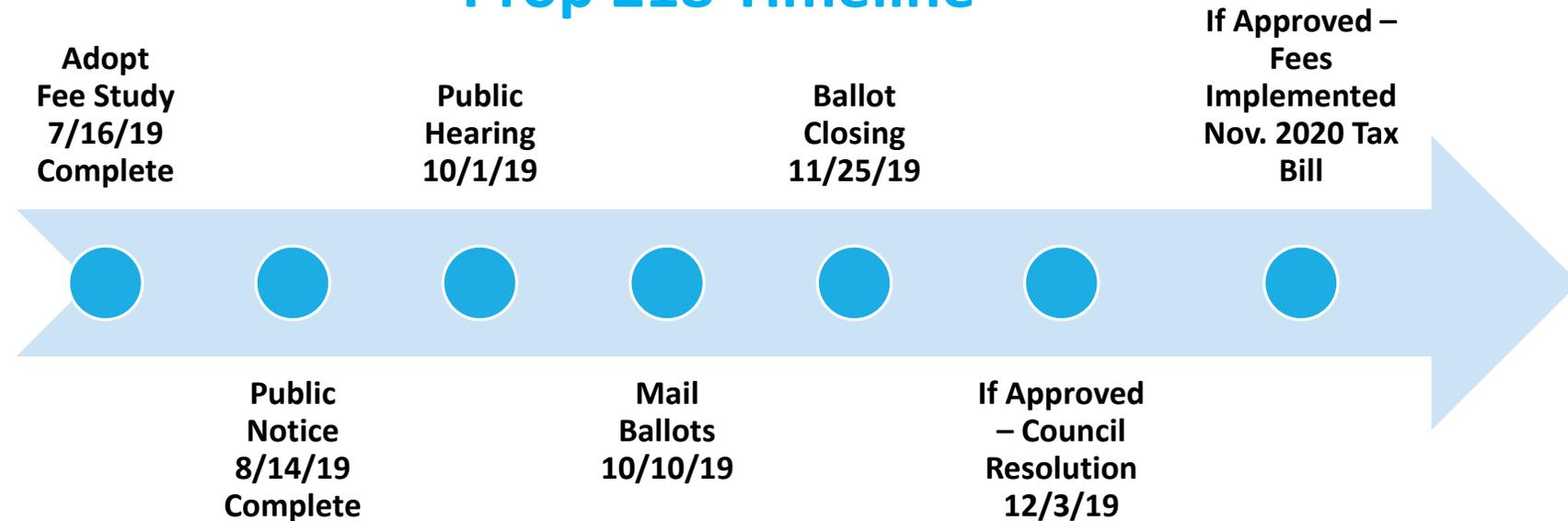


Prop 218 Requirements & Process

Prop 218 Key Requirement

1. Vote of Property owners
2. Requires 50% + 1 majority to approve
3. One parcel = One vote

Prop 218 Timeline



Community Outcomes

Protecting the Bay



***Trash Clean-Up
Reduced Pollution***

Sustainable Storm Drains



***Storm Response
Street Sweeping***

Protecting Property



***Reduced Flooding
Protection from
Sea Level Rise***

What Happens if We Don't Take Action?

Fund depleted = Reduced level of service

- *Reactive program*
- *Longer response times*
- *Reduced storm drain maintenance*
- *Less street sweeping*
- *No stormwater capital projects*

Risk of catastrophic failure increases

Inability to adapt to climate change & sea level rise



Next Steps

Right Now

- Q&A and Comment Cards
- Equipment and Operators

Later

- Outreach Aug-Sept 2019
- Community Meetings
 1. August 28, 2019
 2. September 10, 2019
- Public Hearing Oct. 1, 2019
- Balloting Oct-Nov, 2019

❖ Liam Garland, PW Director, lgarland@alamedaca.gov

❖ Sarah Henry, PIO, shenry@alamedaca.gov

❖ alamedaca.gov/cleanwater

